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November 2, 2001

BY HAND DELIVERY

Magalie Roman Salas, Secretary
Federal Communications Commission
The Portals
445 Twelfth Street, S.W.
Washington, DC 20554

Re: ***WorldCom, Cox, and AT&T v. Verizon***
CC Docket Nos. 00-218, 00-249, and 00-251

Dear Ms. Salas:

Enclosed please find Verizon Virginia's Motion For Leave to File Revised Cost Studies, the Second Supplemental Surrebuttal Testimony of Nancy Matt, and Verizon Virginia's Responses to AT&T/WorldCom's Twelfth Set of Data Requests.

Under separate cover, Verizon VA is providing three proprietary CDs containing Verizon VA's revised switching and loop cost studies to Ms. Tamara Preiss and counsel for AT&T and WorldCom. These CDs contain fully updated switching studies, including all revisions made in the October 18, 2001 filing as well as the revisions to the tandem switching studies described in Ms. Matt's Second Supplemental Surrebuttal.

The first CD contains the LCAM and revised loop studies resulting from the corrections to the LCAM model and VRUC database discussed at pages 74-76 and 249-251 of Verizon's Recurring Cost Panel Surrebuttal Testimony (including the removal of the incorrect line count data from the LCAM model), as well as corrections to three minor errors in the LCAM algorithms that were identified in the workpapers provided with the AT&T/WorldCom Rebuttal Panel Testimony.[1/] This CD also contains the VCost templates for the Switching and Loop-

[1/] The three minor LCAM algorithm errors were identified in paragraphs 18, 19, and 20 of AT&T/WorldCom file "LCAM Changes.doc" and have a very small effect on the loop and subloop studies. A copy of those paragraphs is attached to this letter in hard copy. The changes to the LCAM model affect all of the loop and subloop cost studies, but had no impact on the DS3 loop and subloop studies. The changes to the VRUC database affect all of the loop studies, as well as the dark fiber, EEL testing, dedicated transport (entrance facilities and IOF), and common transport cost studies.

related studies (i.e., HiCap, Dark Fiber, and IOF), as well as instructions for reinstalling LCAM and VCost.

The second and third CDs provide all backup workpapers and files in support of the revised switching cost studies filed by Verizon VA on October 18, 2001 and the revised tandem switching cost studies. The specific changes made to Verizon VA's original local switching cost studies are explained in the October 18, 2001 Supplemental Surrebutal Testimony of Nancy Matt, and the specific changes made to Verizon VA's original tandem switching cost studies are explained in the Second Supplemental Surrebutal of Ms. Matt attached hereto.

The second CD contains all VCost templates in the first CD, saved to Excel, and the Word and other supporting files for the Excel inputs. Verizon Virginia is providing Excel files for your convenience, so that changes may be made without rerunning or reinstalling VCost. This CD also contains an updated cost summary exhibit.

The third CD contains SCIS, all SCIS workpapers, supporting files, inputs, switch discount and switch mix backup files. This CD also contains all vendor backup Excel files for the prices included in the IOF, Dark Fiber, and HiCap studies.

Please contact me with any questions.

Sincerely,

Catherine Ronis /PS

Catherine Kane Ronis
Counsel for Verizon Virginia Inc.

Cc: Counsel of Record
Enclosures

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In the Matter of Petition of WorldCom, Inc. Pursuant to Section 252(e)(5) of the Communications Act for Expedited Preemption of the Jurisdiction of the Virginia State Corporation Commission Regarding Interconnection Disputes with Verizon Virginia Inc., and for Expedited Arbitration	)	CC Docket No. 00-218
In the Matter of Petition of Cox Virginia Telecom, Inc. Pursuant to Section 252(e)(5) of the Communications Act for Preemption of the Jurisdiction of the Virginia State Corporation Commission Regarding Interconnection Disputes with Verizon Virginia Inc. and for Arbitration	)	CC Docket No. 00-249
In the Matter of Petition of AT&T Communications of Virginia Inc., Pursuant to Section 252(e)(5) of the Communications Act for Preemption of the Jurisdiction of the Virginia Corporation Commission Regarding Interconnection Disputes With Verizon Virginia Inc.	)	CC Docket No. 00-251

MOTION FOR LEAVE TO FILE REVISED COST STUDIES
AND SUPPLEMENTAL SURREBUTTAL TESTIMONY

Verizon Virginia Inc. ("Verizon VA") hereby moves for leave to file the enclosed revised tandem switching cost study and Second Supplemental Surrebuttal of Nancy Matt. As described in detail in Ms. Matt's Second Supplemental Surrebuttal, Verizon VA discovered errors in its original tandem switching cost studies shortly after filing revisions to the original local switching cost studies on October 18, 2001. As soon as the errors in the original tandem studies were fully understood, Verizon VA apprised the parties and this Commission of the situation and of the fact that Verizon VA would file revised tandem studies by Friday, November 2nd, which Verizon VA now seeks leave to do. AT&T stated that it would have no objection to Verizon VA's proposed filing, and WorldCom has thus far voiced no objection.

Verizon VA's revised tandem switching studies should be allowed into the record of this proceeding in order to allow Verizon VA to propose and defend accurate rates for tandem switching. As described in Ms. Matt's Second Supplemental Surrebuttal, having learned that the data originally used by Verizon VA was flawed, Verizon VA no longer believes that the original tandem switching study or the proposed switching rates are accurate or appropriate to use in these proceedings. No prejudice to any party should arise as a result of the filing of these new studies. Testimony on switching rates is not scheduled until late November, and petitioners will have a full opportunity to cross-examine on all switching issues. In any event, AT&T/WorldCom have themselves filed new modules and corrections to their studies, which Verizon VA has not contested. Given the complex nature of these cost studies, such errors are not entirely avoidable, and efforts by the parties to correct mistakes as they discover them should be encouraged.

* * * *

For the foregoing reasons, Verizon VA's Motion For Leave to File should be granted the enclosed studies and testimony should be allowed into the record of this proceeding.

Respectfully submitted,

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Dated: November 2, 2001

CERTIFICATE OF SERVICE

I do hereby certify that true and accurate copies of the foregoing **Motion for Leave to File and Second Supplemental Surrebuttal Testimony of Nancy Matt** were served electronically and by overnight mail this **2nd day of November, 2001**, to:

Dorothy Attwood
Common Carrier Bureau
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20024

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Polly B. Smothergill

*Served by hand delivery

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In the Matter of Petition of WorldCom, Inc. Pursuant to Section 252(e)(5) of the Communications Act for Expedited Preemption of the Jurisdiction of the Virginia State Corporation Commission Regarding Interconnection Disputes with Verizon Virginia Inc., and for Expedited Arbitration	)	CC Docket No. 00-218
In the Matter of Petition of Cox Virginia Telecom, Inc., etc.	)	CC Docket No. 00-249
In the Matter of Petition of AT&T Communications of Virginia Inc., etc.	)	CC Docket No. 00-251

VERIZON VIRGINIA INC.

SECOND SUPPLEMENTAL SURREBUTTAL TESTIMONY OF NANCY MATT

(Public)

NOVEMBER 2, 2001

I. INTRODUCTION

Q. Please state your name.

A. Nancy Matt.

Q. Are you the same Nancy Matt that filed direct, surrebuttal, and supplemental surrebuttal testimony in this proceeding as part of Verizon Virginia Inc.'s ("Verizon VA's") recurring cost panel on July 31, 2001, September 21, 2001, and October 18, 2001?

A. Yes.

Q. What is the purpose of this supplemental testimony?

A. After Verizon VA filed revisions to its original switching cost studies on October 18, 2001, Verizon VA realized that there were errors in the tandem study in the original filing. This filing corrects those errors, and this supplemental testimony seeks to explain the precise adjustments that were made.

II. ORIGINAL TANDEM COST STUDY

Q. Please describe in detail Verizon VA's original tandem study.

A. Verizon VA's original tandem study consisted of five 5ESS stand alone[1/] tandems and two DMS stand alone tandems, with a total of 80,078 tandem trunks. The following is a summary of the configuration of the tandems in SCIS/MO:

[1/] Stand alone tandems are referred to as "Class 4" switches. End office switches that perform both end office and tandem functionality are referred to as "Class 4/5" switches.

Verzion VA's Original Tandem Study

CLLI	Technology/ Type of Office	# of Trunks	BH CCS/Trunk	BH Calls/Trunk
STTNVASTDST	5ESS/Class 4	3,092	14.13	5.72
NRTNVANODST	5ESS/Class 4	3,156	14.2	6.65
LYBGVACHDST	5ESS/Class 4	6,844	14.72	5.83
LSBGVALBDST	5ESS/Class 4	5,185	19.23	6.8
DAVLVADADST	5ESS/Class 4	127	15.55	6.18
ARTNVAARCIT	DMS/Class 4	57,000	13.96	5.32
NRFLVABS52T	DMS/Class 4	4,674	25.19	14.68
Total Trunks		80,078		

Q. Do these tandems represent Verizon VA's actual tandem network, adjusted to be forward-looking?

A. No. The tandems are not representative of Verizon VA's actual tandem network adjusted to be forward-looking. The tandem data above, which was used as the basis of Verizon VA's tandem study, is not based on VA's network and does not represent Verizon VA's forward-looking tandem costs.

Q. What is wrong with the data regarding tandem switches in the switching cost studies originally filed in this proceeding?

A. Regretfully, there was a serious mix up with the original tandem engineering data. A comparison of Verizon VA's actual tandem network, summarized in the chart below, to the chart above indicates the data used in the originally filed tandem study clearly was not representative of Verizon VA's tandem network. In the original study there are seven stand alone (Class 4) tandem offices with a total of 80,078 trunks. In the actual VA tandem network there are twelve combined end office/tandems (Class 4/5) switches and four stand alone (Class 4) switches, with a total of 346,613 tandem trunks.

Verizon VA - Actual Tandem Network (as of July 2001)

Office Name	TIRKs CLLI	Technology	Type of Office	Tdm Trks In Service
Culpeper	CLPPVACU02T CLPPVACUDS0	5ESS	Class 4/5	4,995
Danville	DAVLVADA03T DAVLVADADS0	5ESS	Class 4/5	5,644
Fredericksburg	FRBGVAFB03T FRBGVAFBDS0	5ESS	Class 4/5	13,373
Leesburg	LSBGVALB02T LSBGVALBDS0	5ESS	Class 4/5	9,274
Lynchburg	LYBGVACH03T LYBGVACHDS0	5ESS	Class 4/5	13,676
Norton	NRTNVANO02T NRTNVANODS0	5ESS	Class 4/5	4,271
Harpersville	NWNWVAHV52T NWNWVAHVDS0	Siemens	Class 4/5	5,880
Petersburg	PTBGVAPB51T PTBGVAPBCG0	Lucent (1A)	Class 4/5	3,756
Turner Road	RCMDVAIT52T RCMDVAITDS0	5ESS	Class 4/5	58,300
	RCMDVAIT76T	5ESS	Class 4	13,128
Luck	RONKVALK52T RONKVALKDS0	5ESS	Class 4/5	27,306
Staunton	STTNVAST03T STTNVASTDS0	5ESS	Class 4/5	5,984
Winchester	WNCHVAWC03T WNCHVAWCDS0	5ESS	Class 4/5	4,392
Arlington	ARTNVAAR00T ARTNVAARC1T	DMS	Class 4	50,970 37,521
Grace Street	NRFLVABS52T	DMS	Class 4	65,969
Bute Street	RCMDVAGR52T RCMDVAGR53T	DMS	Class 4	6,405 (TOPS) 22,174
	Total Trunks			346,613

Q. How did Verizon VA become aware of the original tandem error?

A. On Friday October 19, 2001, I was reviewing the studies while preparing for the hearings and thought that the total number of tandem trunks appeared too low. I

later received engineering data concerning Verizon VA's actual tandem network, which confirmed my initial thoughts that the total number of trunks was too low in the original filing.

III. REVISED TANDEM COST STUDY

Q. Please explain how the revised tandem studies resolve this issue.

A. Verizon VA's actual tandem network, adjusted to be forward-looking, was used as the basis for the revised tandem study.

Q. What forward-looking adjustments were made?

A. The following forward-looking adjustments were made:

- The Harpersville and Petersburg Class 4/5 offices were not included in the tandem study because they are not access tandems and would not be designed as Class 4/5 switches in a forward-looking network.
- The tandem trunks in the Turner Road Class 4/5 switch were added to the Turner Road stand alone Class 4 tandem. In a forward-looking network, the Turner Road Class 4/5 switch would be a Class 5 switch only.
- The Bute Street Class 4 switch was designed to handle only the tandem traffic. In a forward looking network, the TOPS traffic would be handled by a separate TOPS tandem switch.[2/]

[2/] The original study has Bute Street as a TOPS switch only; therefore the originally filed TOPS study does not change.

- All tandem trunks have been grown by 5% per year over the three year study period.

Q. Please summarize the forward-looking tandem network used as the basis for the revised tandem study.

A. Attachment H[3/] to this testimony summarizes the forward-looking tandem network used as the basis for developing the revised tandem costs.

Q. Please describe how the revised tandem cost study was developed.

A. The following outlines how the revised tandem study was developed:

- The four stand alone (Class 4) switches were input into SCIS/MO, as shown on Attachment H, with slight adjustments to the DMS tandems, which is explained in greater detail below. Verizon VA then ran SCIS/MO to develop the investments associated with these switches.[4/]
- The tandem information for the nine Class 4/5 offices shown on Attachment H was added to the end offices in the SCIS/MO Input Reports from Verizon VA's October 18, 2001 filing of the revised switching studies. Verizon VA

[3/] Attachment H, file: "Attachment H (VA TANDEM SUMMARY).xls" The attachments to this testimony are labeled consecutively from Ms. Matt's October 18, 2001 Supplemental Surrebuttal testimony.

[4/] See proprietary Attachment I-1, file: "Attachment I-1 SCIS(VA Pure Tandems).doc"

then ran SCIS/MO to develop their associated combined end office/tandem investments.[5/]

- The combined end office/tandem investments from SCIS/MO were subtracted from the end office investments from the October 18th revised switching study, to arrive at the incremental investment associated with adding the tandem trunks to the nine end offices.[6/]
- The incremental tandem investment was then added to the stand alone tandem investment, to arrive at a total tandem investment.[7/] This investment was used as the basis for determining the tandem costs.

Q. You have described how you developed the tandem investment used as the basis for developing the revised tandem costs. Is there anything else that was done differently in the revised tandem study than in the original tandem study?

A. Yes. SCIS allows a maximum of 57,000 trunks[8/] per DMS tandem. Since the forward-looking tandem study has two DMS tandems with more than 57,000 trunks, Verizon VA modeled all three DMS tandems in SCIS/MO with the maximum, 57,000 trunks each, for a total of 171,000 trunks. However, the

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[5/] See proprietary Attachment I-2, file: "Attachment I-2 SCIS (VA All Offices Except Tandems).doc"

[6/] This is shown on proprietary Attachment J, Page 1.

[7/] This is shown on proprietary Attachment J, Page 2.

[8/] At 95% administrative fill.

forward-looking DMS stand alone tandems should have a total of 211,891 trunks. Therefore, all weighting and MOU calculations used in the revised study conservatively used 211,891 DMS trunks.

In addition, for the tandem trunk port study, the weighting of the tandem trunk port investment was done outside of VCost.[9/] The weighted unit port investment was then input into the tandem port cost study in VCost as a 5ESS investment input, and the 5ESS switch mix input was set to 1.0, with the DMS switch mix input set to 0.

Q. Are there any other changes due to the tandem revisions?

A. The utilization adjustment factor for tandem trunks is affected because the average number of trunks per node in SCIS changed; it therefore increased from 89.43% to 90.75%. In addition, a new TOPS trunk port utilization adjustment factor was calculated based on the number of TOPS trunks.

Q. Did the new TOPS trunk port utilization adjustment factor change significantly to warrant revising the TOPS study?

A. No. The study used a utilization factor of 89.64%, whereas the appropriate factor should have been 87.41%. Verizon VA believes that this does not have enough of an impact on the TOPS trunk port cost to warrant revising the TOPS study.

9/ See Attachment K.

Q. What is the effect of these revisions to the tandem switching cost studies on Verizon VA's proposed costs for tandem switching?

A. The monthly dedicated tandem port cost increases slightly from $91.19 to $92.67. The monthly common tandem port cost increases slightly from $0.000689 to $0.000734. The tandem MOU cost significantly decreases from $0.000785 to $0.000133.

Q. What other documentation is Verizon VA providing with this testimony?

A. Verizon VA is also providing three CDs, which contain Verizon VA's revised local and tandem switching studies. The studies on these CDs reflect all of the changes made in the revised switching studies filed on October 18, 2001, as well as the changes to the tandem studies described in this testimony.[10/]

Q. Do these tandem revisions have any effect on Verizon VA's POTS port and MOU switching costs?

A. No. As reflected on the attached revised rate sheet summary (Attachment L), these revisions to Verizon VA's tandem switching studies do not affect Verizon VA's POTS port and MOU switching costs. The revised rate sheet summary has three columns, comparing the original rates proposed by Verizon VA, the rates proposed after the October 18, 2001 revised switching study filing, and the rates

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[10/] Therefore, these CDs replace those provided to AT&T and WorldCom in response to discovery request AT&T/WCOM 12-1, provided by Verizon VA on October 31, 2001.

proposed by Verizon VA as a result of the revisions to Verizon VA's tandem switching studies. Verizon VA has also attached as Attachment M a revised rate sheet summary with only one column, containing Verizon VA's current proposed rates.

Q. Does this conclude your testimony?

A. Yes.

Declaration of Nancy Matt

I declare under penalty of perjury that I have reviewed the foregoing panel testimony and that those sections as to which I testified are true and correct.

Executed this 2ND day of November, 2001.

[Insert Name]

H

VIRGINIA TANDEM TRUNK SUMMARY

(10/31/01)

LINE Number	CLLI CODES Combined EO/Tandems:	Switch Technology	TANDEM TRUNKS	TANDEM TRUNKS WITH 3 YR GROWTH @ 5%	Busy Hour CCS/Trunk	Busy Hour CALLS/Trunk	Busy Hour Total CCS
	A	B	C	D	E	F	G
L1	CLPPVACU02T	5ESS	4995	5782	13.45	2.65	77772
L2	DAVLVADA03T	5ESS	5644	6534	12.04	3.79	78665
L3	FRBGVAFB03T	5ESS	13373	15481	18.25	5.1	282527
L4	LSBGVALB02T	5ESS	9274	10736	14.18	2.9	152234
L5	LYBGVACH02T	5ESS	13676	15832	12.91	3.39	204387
L6	NRTNVAN002T	5ESS	4271	4944	10.8	3.27	53398
L7	RONKVALK52T	5ESS	27306	31610	18.49	4.53	584471
L8	STTNVAST03T	5ESS	5984	6927	11.98	3.04	82988
L9	WNCHVAWC03T	5ESS	4392	5084	13.8	3.26	70163
L10=SumL1toL9	**SUB-TOTAL COMBINED EO/TDM TRUNKS**			**102930**			
	CLLI CODES Stand Alone Tandems:						
L11	RCMDVAIT76T	5ESS	71428	82687	15.16	5.01	1253532
L12	ARTNVAAR00T	DMS	88491	102439	13.09	5.38	1340932
L13	NRFLVABS52T	DMS	65969	76367	16.17	4.43	1234860
L14	RCMDVAGR52T	DMS	28579	33084	14.96	3.55	494933
L15=SumL11toL14	**SUB-TOTAL Stand Alone Tandem TRUNKS**			**294577** (5ESS 82687 TKS & DMS 211891 TKS)			
L16 = L10 + L15	**GRAND TOTAL TANDEM TRUNKS**			**397508**			

L16	TOTAL 5ESS TANDEM BH CCS	2840137
L17	TOTAL 5ESS TANDEM TRUNKS	185617
L18= L16/L17	**TOTAL 5ESS TANDEM AVG. CCS PER TRUNK**	**15.30**
L19	TOTAL DMS TANDEM BH CCS	3070725
L20	TOTAL DMS TANDEM TRUNKS	211891
L21=L19/L20	**TOTAL DMS TANDEM AVG. CCS PER TRUNK**	**14.49**

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J

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K

VA Weighted Tandem Port Investment
(10/31/01)

Line	Item A	Source B	Value C
	Stand Alone Tandems:		
1	Number of 5ESS Trunks	SCIS 5ESS Grand Weighted Study Level Input Statistics Report (VA Pure Tandems 10/2001)	82,687
2	Number of DMS Trunks*	Tandem Trunk Summary WP, Column D, L12+L13+L14	211,891
3	Investment per 5ESS Tandem Trunk	SCIS 5ESS Grand Weighted Smort to NCAT Report (VA Pure Tandems 10/2001)	$86.97
4	Investment per DMS Tandem Trunk	SCIS DMS Grand Weighted Smort to NCAT Report (VA Pure Tandems 10/2001)	$62.75
5	Weighted Stand Alone Trunk Port Investment	((L1xL3)+(L2xL4)) / (L1+L2)	$69.55
	Combined End Office/Tandems:		
6	Total EO/TDM Trunks	SCIS 5ESS Grand Weighted Study Level Input Statistics Report (VA All Offices Except DMS Tandems)	506,622
7	Total EO Trunks	SCIS 5ESS Grand Weighted Study Level Input Statistics Report (Attachment A to Suppl. Surrebuttal Nancy Matt 10/18/01)	403,692
8	Total Tandem Trunks in Combined EO/TDM	L6 - L7	102,930
9	Investment per 5ESS Tandem Trunk	SCIS 5ESS Grand Weighted Smort to NCAT Report (VA All Offices Except DMS Tandems)	$81.55
	Grand Weighted Tandem Trunk Port:		
10	Grand Weighted Tandem Trunk Port Investment	[(L8xL9)+[L5X(L1+L2)]] / (L1+L2+L8)	$72.66

* SCIS can only model 57,000 DMS trunks per Tandem @ 95% fill.

VERIZON VIRGINIA, INC.
ARBITRATION PROCEEDING
FEDERAL COMMUNICATIONS COMMISSION
CC DOCKET NOS. 00-218, 00-249, and 00-251

REVISED PROPOSED SUMMARY OF COSTS COMPARISON

	Unbundled Loop			
Part B-1	2 Wire Basic Unbundled Loop Density Cell 1	$ 19.49	$ 17.91	$ 17.86
Part B-1	2 Wire Basic Unbundled Loop Density Cell 2	$ 29.69	$ 26.37	$ 26.31
Part B-1	2 Wire Basic Unbundled Loop Density Cell 3	$ 48.93	$ 43.54	$ 43.45
Part B-1	2 Wire Basic Unbundled Loop - State Average	$ 25.12	$ 22.38	$ 22.33
Part B-2	4 Wire & 4Wire Customized Specified Signalling Loop Density Cell 1	$ 59.94	$ 56.90	$ 56.81
Part B-2	4 Wire & 4Wire Customized Specified Signalling Loop Density Cell 2	$ 80.95	$ 74.30	$ 74.19
Part B-2	4 Wire & 4Wire Customized Specified Signalling Loop Density Cell 3	$ 117.87	$ 106.67	$ 106.49
Part B-2	4 Wire Wire Customized Specified Signalling Loop - Statewide Average	$ 71.12	$ 65.71	$ 65.60
Part B-3	2 Wire Customer Specified Signalling Density Cell 1	$ 27.45	$ 25.90	$ 25.85
Part B-3	2 Wire Customer Specified Signalling Density Cell 2	$ 37.89	$ 34.56	$ 34.50
Part B-3	2 Wire Customer Specified Signalling Density Cell 3	$ 56.60	$ 51.04	$ 50.95
Part B-3	2 Wire Customer Specified Signalling Statewide Average	$ 33.06	$ 30.33	$ 30.28
Part B-4	ISDN BRI Density Cell 1	$ 24.83	$ 23.19	$ 23.14
Part B-4	ISDN BRI Density Cell 2	$ 35.31	$ 31.89	$ 31.83
Part B-4	ISDN BRI Density Cell 3	$ 54.51	$ 48.96	$ 48.87
Part B-4	ISDN BRI Statewide Average	$ 30.53	$ 27.71	$ 27.66
Part B-5	Digital 4 Wire (56&64 Kbps) Density Cell 1	$ 63.58	$ 60.38	$ 60.29
Part B-5	Digital 4 Wire (56&64 Kbps) Density Cell 2	$ 85.93	$ 79.11	$ 78.99
Part B-5	Digital 4 Wire (56&64 Kbps) Density Cell 3	$ 124.71	$ 113.36	$ 113.18
Part B-5	Digital 4 Wire (56&64 Kbps) Statewide Average	$ 75.40	$ 69.78	$ 69.67
Part B-6	DS1/ISDN PRI Loop - Density Cell 1	$ 134.88	$ 129.91	$ 129.83
Part B-6	DS1/ISDN PRI Loop - Density Cell 2	$ 166.61	$ 156.62	$ 156.49
Part B-6	DS1/ISDN PRI Loop - Density Cell 3	$ 184.04	$ 172.25	$ 172.11
Part B-6	DS1/ISDN PRI Loop Statewide Average	$ 142.22	$ 135.96	$ 135.87
Part B-7	DS3 Loop - Statewide Average	$ 1,404.10	$ 1,355.70	$ 1,355.70
	Unbundled Sub-Loop Arrangements			
Part B-8	Sub Loop Distribution - 2 Wire - Density Cell 1	$ 9.36	$ 8.09	$ 8.07

Part B-8	Sub Loop Distribution - 2 Wire - Density Cell 2	$ 17.37	$ 14.66	$ 14.62	
Part B-8	Sub Loop Distribution - 2 Wire - Density Cell 3	$ 31.07	$ 26.81	$ 26.75	
Part B-8	Sub Loop Distribution - 4 Wire - Density Cell 1	$ 18.45	$ 15.93	$ 15.86	
Part B-8	Sub Loop Distribution - 4 Wire - Density Cell 2	$ 34.51	$ 29.10	$ 29.03	
Part B-8	Sub Loop Distribution - 4 Wire - Density Cell 3	$ 61.91	$ 53.38	$ 53.28	
Part B-8	Sub Loop Feeder - DS1 - Density Cell 1	$ 118.45	$ 116.64	$ 116.62	
Part B-8	Sub Loop Feeder - DS1 - Density Cell 2	$ 132.40	$ 129.91	$ 129.86	
Part B-8	Sub Loop Feeder - DS1 - Density Cell 3	$ 135.75	$ 132.18	$ 132.12	
Part B-9	Subloop Feeder - DS3 Density Cell Statewide Average	$ 1,350.60	$ 1,310.72	$ 1,310.72	
Part B-10	Off Premise Extension Unbundled Loop Density Cell 1	$ 19.49	$ 17.91	$ 17.91	See Part B-1 2W Loop rates.
Part B-10	Off Premise Extension Unbundled Loop Density Cell 2	$ 29.69	$ 26.37	$ 26.37	See Part B-1 2W Loop rates.
Part B-10	Off Premise Extension Unbundled Loop Density Cell 3	$ 48.93	$ 43.54	$ 43.54	See Part B-1 2W Loop rates.
Part B-10	Off Premise Extension Unbundled Loop Statewide Average	$ 25.12	$ 22.38	$ 22.38	See Part B-1 2W Loop rates.
	Unbundled Network Interface Device (NID)				
Part B-11	NID to NID Connection 2 Wire (per NID)	$ 1.16	$ 1.16	$ 1.16	
Part B-11	NID to NID Connection 4 Wire (per NID)	$ 1.23	$ 1.23	$ 1.23	
Part B-11	Standalone NID - 2 Wire (Per NID)	$ 1.16	$ 1.16	$ 1.16	
Part B-11	Standalone NID - 4 Wire (Per NID)	$ 1.23	$ 1.23	$ 1.23	
Part B-12	Standalone NID - DS1(Per NID)	$ 5.39	$ 5.39	$ 5.39	
Part B-11	UNE Shared NID (Per Line)	$ 0.36	$ 0.36	$ 0.36	
	Unbundled xDSL Conditioning & Qualification				
Part B-13	Mechanized Loop Qualification	$ 0.26	$ 0.26	$ 0.26	
Part B-13	Wideband Test Access	$ 2.19	$ 2.19	$ 2.19	
Part B-13	Addition of Loop Electronics - Normal - NRC	$ 1,118.11	$ 1,118.11	$ 1,118.11	
Part B-13	Addition of Loop Electronics - Expedite - NRC	$ 1,126.34	$ 1,126.34	$ 1,126.34	
	Unbundled EEL Testing				
Part B-14	2 Wire Analog Test Charge	$ 0.62	$ 0.55	$ 0.55	
Part B-14	2 Wire Digital Test Charge	$ 0.77	$ 0.70	$ 0.70	
Part B-14	4 Wire Analog Test Charge	$ 1.85	$ 1.72	$ 1.72	
Part B-14	1.544 Mbps (DS1) Digital Test Charge	$ 3.95	$ 3.79	$ 3.79	
Part B-14	Digital 4 Wire (56 or 64 kbps) Test Charge	$ 2.00	$ 1.86	$ 1.86	
Part D-2	Voice Grade Fixed includes both ends	$ 34.04	$ 34.04	$ 34.04	See Part D-1 IOF rates study. The rates is the same as the IOF Voice Grade Fixed rates.

Part D-2	Voice Grade per Mile	$ 0.16	$ 0.16	$ 0.16	See Part D-1 IOF rates study. The rates is the same as the IOF Voice Grade Per Mile rates.
	Line Sharing/Line Splitting				
	Admin & Support				
Part B-15	Option A	$ 27.69	$ 27.69	$ 27.69	
Part B-15	Option C	$ 34.89	$ 34.89	$ 34.89	
Part B-16	Splitter Equipment Only -Option C	$ 4.28	$ 4.28	$ 4.28	
	Nonrecurring				
Part B-15	Splitter Installation	$ 1,487.52	$ 1,487.52	$ 1,487.52	
	Unbundled OSS rates for Line Sharing and Splitting				
Part B-17	OSS for Line Sharing	$ 0.84	$ 0.84	$ 0.84	
	Unbundled Line Ports				
Part C-1	POTS/PBX/CTX	$ 3.15	$ 2.91	$ 2.91	
Part C-1	ISDN BRI	$ 16.05	$ 17.06	$ 17.06	
Part C-1	ISDN PRI Port	$ 122.05	$ 113.24	$ 113.24	
Part C-1	Unbundled Public Access Line Port (UPALP)	$ 3.15	$ 2.91	$ 2.91	
Part C-1	Unbundled Coin Port (UCP)	$ 4.01	$ 3.78	$ 3.78	
Part C-2	SMDI II (Simplified Message Desk Interface) Port	$ 299.48	$ 289.55	$ 289.55	
Part C-3	Switched DS1 Port (DS1 Port with Line Treatment)	$ 81.96	$ 91.14	$ 91.14	
Part C-1	Automatic Identified Outward Dialing (AIOD)	$ 0.67	$ 0.56	$ 0.56	
Part C-1	Direct Inward Dialing and Outward (DID/DOD)	$ 8.44	$ 8.38	$ 8.38	
Part C-4	IDLC Port per Interface Group (TR008/GR303)	$ 377.92	$ 129.30	$ 129.30	
	Unbundled Dedicated Trunk Ports				
Part C-5	Dedicated Trunk Port - End Office	$ 88.88	$ 90.84	$ 90.84	
Part C-6	Dedicated Trunk Port - Tandem	$ 90.51	$ 91.19	$ 92.67	
Part C-7	Dedicated Trunk Port - TOPS	$ 77.56	$ 76.99	$ 76.99	
	Unbundled Individual Line Port Features				
	Res/Bus Features				
Part C-1	Call Waiting Display Name and Number	$ 0.0186	$ 0.0256	$ 0.0256	
Part C-1	Three Way Calling	$ 0.3506	$ 0.3309	$ 0.3309	
Part C-1	Remote Call Forwarding	$ 2.2487	$ 2.0460	$ 2.0460	
Part C-1	Calling Number Delivery	$ 0.0182	$ 0.0237	$ 0.0237	
Part C-1	Calling Number & Name Delivery	$ 0.6033	$ 0.6904	$ 0.6904	
Part C-1	Anonymous Call Rejection	$ 0.0351	$ 0.0342	$ 0.0342	
Part C-1	Automatic Recall (Return Call)	$ 0.2758	$ 0.2670	$ 0.2670	
Part C-1	Call Waiting	$ 0.0001	$ 0.0002	$ 0.0002	
Part C-1	Automatic Callback (Repeat Call)	$ 0.2731	$ 0.2644	$ 0.2644	
	Unbundled CENTREX Features				
Part C-1	CTX Intercom	$ 0.4871	$ 0.7135	$ 0.7135	
Part C-1	CTX Announcement	$ 0.7253	$ 0.7010	$ 0.7010	
Part C-1	Ctx 3-Way Conference	$ 0.3506	$ 0.3309	$ 0.3309	

Part C-1	Ctx Automatic Recall (Return Call)	$ 0.1379	$ 0.1335	$ 0.1335
Part C-1	Ctx Distinctive ringing	$ 0.0044	$ 0.0049	$ 0.0049
Part C-1	Ctx Loudspeaker Paging	$ 8.4525	$ 8.1220	$ 8.1220
Part C-1	Ctx Meet-Me Conference	$ 0.1302	$ 0.1302	$ 0.1302
Part C-1	Ctx Selective Call Acceptance	$ 0.0339	$ 0.0336	$ 0.0336
Part C-1	Ctx Selective Call Forwarding	$ 0.0078	$ 0.0077	$ 0.0077
Part C-1	Ctx Selective Call Rejection	$ 0.0433	$ 0.0470	$ 0.0470
Part C-1	Ctx 6-Way Conference	$ 1.2848	$ 1.2250	$ 1.2250
Part C-1	Ctx Station Message Detail Record (SMDR)	$ 12.9835	$ 12.9835	$ 12.9835
Part C-1	Ctx Repeat Call	$ 0.2731	$ 0.2644	$ 0.2644
Part C-1	Ctx Call Transer - All Calls	$ 0.0149	$ 0.0147	$ 0.0147
Part C-1	Ctx Call Waiting Terminating (All Calls)	$ -	$ 0.0001	$ 0.0001
Part C-1	Ctx Directed Call Pick-up with Barge-In (Originating)	$ 0.0020	$ 0.0019	$ 0.0019
Part C-1	Ctx Executive Busy Override	$ 0.0003	$ 0.0003	$ 0.0003
	Unbundled ISDN Features			
Part C-1	ISDN Intercom	$ 0.4871	$ 0.7135	$ 0.7135
Part C-1	ISDN Announcement	$ 9.0728	$ 8.7721	$ 8.7721
Part C-1	ISDN 3-Way Calling	$ 0.3506	$ 0.3309	$ 0.3309
Part C-1	ISDN 6-Way Conference	$ 0.8063	$ 0.7633	$ 0.7633
Part C-1	ISDN Call Pickup	$ 0.0003	$ 0.0003	$ 0.0003
Part C-1	ISDN Selective Call Rejection	$ 0.0650	$ 0.0631	$ 0.0631
Part C-1	ISDN Call Transfer Individual - All Calls (Ftr. 578)	$ 0.0487	$ 0.0460	$ 0.0460
Part C-1	Calling Name and Number Delivery	$ 0.5185	$ 0.6130	$ 0.6130
	Unbundled Switching- Per MOU			
Part C-8	Originating EO Local Switching per MOU	$ 0.002703	$ 0.003961	$ 0.003961
Part C-8	Termination EO Local Switching per MOU	$ 0.002374	$ 0.003477	$ 0.003477
	Unbundled Tandem Switching			
Part C-8	Tandem Switching MOU	$ 0.000785	$ 0.000785	$ 0.000133
	Unbundled Common Trunk Ports			
Part C-8	Common Trunk Port - End Office (per mou)	$ 0.000397	$ 0.000374	$ 0.000374
Part C-8	Common Trunk Port - Tandem (per mou)	$ 0.000710	$ 0.000689	$ 0.000734
Part C-8	Common Trunk Port - TOPS (per mou)	$ 0.000339	$ 0.000337	$ 0.000337
	Unbundled Common Transport			
Part C-9	Fixed - Common	$ 0.000099	$ 0.000107	$ 0.000115
Part C-9	Per Mile	$ 0.000002	$ 0.000002	$ 0.000002
	Unbundled Reciprocal Compensation			
Part C-10	Meet Point A End Office (per mou)	$ 0.001036	$ 0.002322	$ 0.002322
Part C-10	Meet Point B End Office (per mou)	$ 0.001880	$ 0.003872	$ 0.003969
	Unbundled Dedicated Transport			
	Entrance Facilities			
Part D-1	DS-1 Entrance Facility	$ 142.22	$ 135.96	$ 135.96
Part D-1	DS-3 Entrance Facility	$ 498.73	$ 493.80	$ 493.80
Part D-1	STS-1 Entrance Facility - Per Facility	$ 501.30	$ 496.37	$ 496.37
Part D-1	OC-3 Entrance Facility - Per Facility	$ 1,155.06	$ 1,119.00	$ 1,119.00

Part D-1	OC-12 Entrance Facility - Per Facility	$ 3,659.12	$ 3,613.58	$ 3,613.58	
	IOF				
Part D-2	DS-1 Fixed includes both ends	$ 54.76	$ 54.76	$ 54.76	
Part D-2	DS-1 per Mile	$ 3.91	$ 3.86	$ 3.86	
Part D-2	DS-3 Fixed includes both ends	$ 499.44	$ 499.44	$ 499.44	
Part D-2	DS-3 per Mile	$ 59.11	$ 57.72	$ 57.72	
Part D-2	STS-1 - Fixed includes both ends	$ 502.99	$ 503.00	$ 503.00	
Part D-2	STS-1 - per mile	$ 59.31	$ 57.92	$ 57.92	
Part D-2	OC-3 - Fixed includes both ends	$ 1,441.40	$ 1,441.40	$ 1,441.40	
Part D-2	OC-3 - per mile	$ 178.07	$ 173.90	$ 173.90	
Part D-2	OC-12 - Fixed includes both ends	$ 4,113.45	$ 4,113.45	$ 4,113.45	
Part D-2	OC-12 - per mile	$ 390.84	$ 374.14	$ 374.14	
	Unbundled SS7				
Part E-1	STP Port - Monthly per Port	$ 343.41	$ 343.41	$ 343.41	
Part D-2	SS7 Link per Mile	$ 0.16	$ 0.16	$ 0.16	See Part D-1 IOF rates study. The rates is the same as the IOF Voice Grade Per Mile rates.
	Unbundled Signaling Databases				
	800 Database				
Part E-2	Basic Per Query	$ 0.000221	$ 0.000221	$ 0.000221	
Part E-2	Vertical Query	$ 0.000221	$ 0.000221	$ 0.000221	
	LIDB				
Part E-3	Calling Card per query	$ 0.018594	$ 0.018594	$ 0.018594	
Part E-3	Billed Number Screening per query	$ 0.018594	$ 0.018594	$ 0.018594	
	Unbundled Dark Fiber - IOF				
	Verizon C.O. to Verizon C.O.				
Part F-1	Serving Wire Center ("SWC") Charge / SWC / Pair	$ 16.23	$ 16.23	$ 16.23	
Part F-1	Inter Office Per Mile	$ 173.22	$ 148.63	$ 148.63	
	Verizon C.O. to CLEC C.O.				
Part F-1	Serving Wire Center ("SWC") Charge / SWC / Pair	$ 16.23	$ 16.23	$ 16.23	
Part F-1	Channel Termination Charge/CLEC CO	$ 207.30	$ 174.66	$ 174.66	
	Unbundled Dark Fiber - Loop				
Part F-1	Serving Wire Center Charge / SWC / Pair	$ 16.23	$ 16.23	$ 16.23	
Part F-1	Loop Charge/Pair per Rate Group				
Part F-1	Loop Charge/Pair per Density Cell 1	$ 223.98	$ 193.15	$ 193.15	
Part F-1	Loop Charge/Pair per Density Cell 2	$ 339.99	$ 288.40	$ 288.40	
Part F-1	Loop Charge/Pair per Density Cell 3	$ 442.86	$ 364.55	$ 364.55	
Part F-2	**Customized Routing per line per month**	$ 0.001400	$ 0.001400	$ 0.001400	
	Daily Usage File (DUF)				
Part F-3	Per Record Recording	$ 0.001500	$ 0.001500	$ 0.001500	

Part F-3	Per Record Transmitted	$ 0.000379	$ 0.000379	$ 0.000379	
Part F-3	Per Media (Tape or Cartridge)	$ 20.31	$ 20.31	$ 20.31	
	SMS (AIN Service Creation)				
	Service Creation Usage				
Part F-4	Remote Access per 24 Hr. day	$ 3,278.31	$ 3,278.31	$ 3,278.31	
Part F-4	On Premise per 24 Hr. day	$ 3,278.31	$ 3,278.31	$ 3,278.31	
Part F-4	Certification and Testing per Hour	$ 64.84	$ 64.84	$ 64.84	
Part F-4	Help Desk Support per Hour	$ 69.36	$ 69.36	$ 69.36	
Part F-4	**Service Charges**				
Part F-4	Subscription Charges	$ 4.02	$ 4.02	$ 4.02	
Part F-4	**Database Queries**				
Part F-4	Network Query	$ 0.00045	$ 0.00045	$ 0.00045	
Part F-4	CLEC Network Query	$ 0.00045	$ 0.00045	$ 0.00045	
Part F-4	CLEC Switch Query	$ 0.00045	$ 0.00045	$ 0.00045	
Part F-4	**Utilization Element**	$ 0.00009	$ 0.00009	$ 0.00009	
Part F-4	**Service Modification**				
Part F-4	DTMF Update Per Change	$ 0.02207	$ 0.02207	$ 0.02207	
Part F-4	Switched Based Announcement	$ 0.00258	$ 0.00258	$ 0.00258	
Part F-4	**Developmental Charges**				
Part F-4	Service Creation Access Ports per month, per Logon ID	$ 1,502.82	$ 1,502.82	$ 1,502.82	
	Operations Support Systems (per UNE Loop/Platform/Combination or resold line)				
Part F-5	Ongoing and Recovery of one time (during 10 yr.Period)	$ 0.84	$ 0.84	$ 0.84	
Part F-5	Ongoing only (after 10 yr. Period)	$ 0.47	$ 0.47	$ 0.47	
Part F-6	**Resale Discount Study**	NA	NA	NA	
Part G	**Factor Support**	NA	NA	NA	

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VERIZON VIRGINIA, INC.
ARBITRATION PROCEEDING
FEDERAL COMMUNICATIONS COMMISSION
CC DOCKET NOS. 00-218, 00-249, and 00-251

REVISED PROPOSED SUMMARY OF COSTS

EXHIBIT	UNBUNDLED NETWORK ELEMENT - RECURRING	Proposed Fee Recurring Rates (with Common Overhead & GRL Revised Filing 11/01/01)	COMMENTS
	Unbundled Loop		
Part B-1	2 Wire Basic Unbundled Loop Density Cell 1	$ 17.86	
Part B-1	2 Wire Basic Unbundled Loop Density Cell 2	$ 26.31	
Part B-1	2 Wire Basic Unbundled Loop Density Cell 3	$ 43.45	
Part B-1	2 Wire Basic Unbundled Loop - State Average	$ 22.33	
Part B-2	4 Wire & 4Wire Customized Specified Signalling Loop Density Cell 1	$ 56.81	
Part B-2	4 Wire & 4Wire Customized Specified Signalling Loop Density Cell 2	$ 74.19	
Part B-2	4 Wire & 4Wire Customized Specified Signalling Loop Density Cell 3	$ 106.49	
Part B-2	4 Wire Wire Customized Specified Signalling Loop - Statewide Average	$ 65.60	
Part B-3	2 Wire Customer Specified Signalling Density Cell 1	$ 25.85	
Part B-3	2 Wire Customer Specified Signalling Density Cell 2	$ 34.50	
Part B-3	2 Wire Customer Specified Signalling Density Cell 3	$ 50.95	
Part B-3	2 Wire Customer Specified Signalling Statewide Average	$ 30.28	
Part B-4	ISDN BRI Density Cell 1	$ 23.14	
Part B-4	ISDN BRI Density Cell 2	$ 31.83	
Part B-4	ISDN BRI Density Cell 3	$ 48.87	
Part B-4	ISDN BRI Statewide Average	$ 27.66	
Part B-5	Digital 4 Wire (56&64 Kbps) Density Cell 1	$ 60.29	
Part B-5	Digital 4 Wire (56&64 Kbps) Density Cell 2	$ 78.99	
Part B-5	Digital 4 Wire (56&64 Kbps) Density Cell 3	$ 113.18	
Part B-5	Digital 4 Wire (56&64 Kbps) Statewide Average	$ 69.67	
Part B-6	DS1/ISDN PRI Loop - Density Cell 1	$ 129.83	
Part B-6	DS1/ISDN PRI Loop - Density Cell 2	$ 156.49	
Part B-6	DS1/ISDN PRI Loop - Density Cell 3	$ 172.11	
Part B-6	DS1/ISDN PRI Loop Statewide Average	$ 135.87	
Part B-7	DS3 Loop - Statewide Average	$ 1,355.70	
	Unbundled Sub-Loop Arrangements		
Part B-8	Sub Loop Distribution - 2 Wire - Density Cell 1	$ 8.07	
Part B-8	Sub Loop Distribution - 2 Wire - Density Cell 2	$ 14.62	
Part B-8	Sub Loop Distribution - 2 Wire - Density Cell 3	$ 26.75	
Part B-8	Sub Loop Distribution - 4 Wire - Density Cell 1	$ 15.86	

Part B-8	Sub Loop Distribution - 4 Wire - Density Cell 2	$	29.03	
Part B-8	Sub Loop Distribution - 4 Wire - Density Cell 3	$	53.28	
Part B-8	Sub Loop Feeder - DS1 - Density Cell 1	$	116.62	
Part B-8	Sub Loop Feeder - DS1 - Density Cell 2	$	129.86	
Part B-8	Sub Loop Feeder - DS1 - Density Cell 3	$	132.12	
Part B-9	Subloop Feeder - DS3 Density Cell Statewide Average	$	1,310.72	
Part B-10	Off Premise Extension Unbundled Loop Density Cell 1	$	17.91	See Part B-1 2W Loop rates.
Part B-10	Off Premise Extension Unbundled Loop Density Cell 2	$	26.37	See Part B-1 2W Loop rates.
Part B-10	Off Premise Extension Unbundled Loop Density Cell 3	$	43.54	See Part B-1 2W Loop rates.
Part B-10	Off Premise Extension Unbundled Loop Statewide Average	$	22.38	See Part B-1 2W Loop rates.
	Unbundled Network Interface Device (NID)			
Part B-11	NID to NID Connection 2 Wire (per NID)	$	1.16	
Part B-11	NID to NID Connection 4 Wire (per NID)	$	1.23	
Part B-11	Standalone NID - 2 Wire (Per NID)	$	1.16	
Part B-11	Standalone NID - 4 Wire (Per NID)	$	1.23	
Part B-12	Standalone NID - DS1(Per NID)	$	5.39	
Part B-11	UNE Shared NID (Per Line)	$	0.36	
	Unbundled xDSL Conditioning & Qualification			
Part B-13	Mechanized Loop Qualification	$	0.26	
Part B-13	Wideband Test Access	$	2.19	
Part B-13	Addition of Loop Electronics - Normal - NRC	$	1,118.11	
Part B-13	Addition of Loop Electronics - Expedite - NRC	$	1,126.34	
	Unbundled EEL Testing			
Part B-14	2 Wire Analog Test Charge	$	0.55	
Part B-14	2 Wire Digital Test Charge	$	0.70	
Part B-14	4 Wire Analog Test Charge	$	1.72	
Part B-14	1.544 Mbps (DS1) Digital Test Charge	$	3.79	
Part B-14	Digital 4 Wire (56 or 64 kbps) Test Charge	$	1.86	
Part D-2	Voice Grade Fixed includes both ends	$	34.04	See Part D-1 IOF rates study. The rates is the same as the IOF Voice Grade Fixed rates.
Part D-2	Voice Grade per Mile	$	0.16	See Part D-1 IOF rates study. The rates is the same as the IOF Voice Grade Per Mile rates.
	Line Sharing/Line Splitting Admin & Support			

Part B-15	Option A	$	27.69
Part B-15	Option C	$	34.89
Part B-16	Splitter Equipment Only -Option C	$	4.28
	Nonrecurring		
Part B-15	Splitter Installation	$	1,487.52
	Unbundled OSS rates for Line Sharing and Splitting		
Part B-17	OSS for Line Sharing	$	0.84
	Unbundled Line Ports		
Part C-1	POTS/PBX/CTX	$	2.91
Part C-1	ISDN BRI or Ctx Port	$	17.06
Part C-1	ISDN PRI Port	$	113.24
Part C-1	Unbundled Public Access Line Port (UPALP)	$	2.91
Part C-1	Unbundled Coin Port (UCP)	$	3.78
Part C-2	SMDI II (Simplified Message Desk Interface) Port	$	289.55
Part C-3	Switched DS1 Port (DS1 Port with Line Treatment)	$	91.14
Part C-1	Automatic Identified Outward Dialing (AIOD)	$	0.56
Part C-1	Direct Inward Dialing and Outward (DID/DOD)	$	8.38
Part C-4	IDLC Port per Interface Group (TR008/GR303)	$	129.30
	Unbundled Dedicated Trunk Ports		
Part C-5	Dedicated Trunk Port - End Office	$	90.84
Part C-6	Dedicated Trunk Port - Tandem	$	92.67
Part C-7	Dedicated Trunk Port - TOPS	$	76.99
	Unbundled Individual Line Port Features		
	Res/Bus Features		
Part C-1	Call Waiting Display Name and Number	$	0.0256
Part C-1	Three Way Calling	$	0.3309
Part C-1	Remote Call Forwarding	$	2.0460
Part C-1	Calling Number Delivery	$	0.0237
Part C-1	Calling Number & Name Delivery	$	0.6904
Part C-1	Anonymous Call Rejection	$	0.0342
Part C-1	Automatic Recall (Return Call)	$	0.2670
Part C-1	Call Waiting	$	0.0002
Part C-1	Automatic Callback (Repeat Call)	$	0.2644
	Unbundled CENTREX Features		
Part C-1	CTX Intercom	$	0.7135
Part C-1	CTX Announcement	$	0.7010
Part C-1	Ctx 3-Way Conference	$	0.3309
Part C-1	Ctx Automatic Recall (Return Call)	$	0.1335
Part C-1	Ctx Distinctive ringing	$	0.0049
Part C-1	Ctx Loudspeaker Paging	$	8.1220
Part C-1	Ctx Meet-Me Conference	$	0.1302
Part C-1	Ctx Selective Call Acceptance	$	0.0336
Part C-1	Ctx Selective Call Forwarding	$	0.0077
Part C-1	Ctx Selective Call Rejection	$	0.0470
Part C-1	Ctx 6-Way Conference	$	1.2250
Part C-1	Ctx Station Message Detail Record (SMDR)	$	12.9835
Part C-1	Ctx Repeat Call	$	0.2644
Part C-1	Ctx Call Transer - All Calls	$	0.0147
Part C-1	Ctx Call Waiting Terminating (All Calls)	$	0.0001

Part C-1	Ctx Directed Call Pick-up with Barge-In (Originating)	$	0.0019
Part C-1	Ctx Executive Busy Override	$	0.0003
	Unbundled ISDN Features		
Part C-1	ISDN Intercom	$	0.7135
Part C-1	ISDN Announcement	$	8.7721
Part C-1	ISDN 3-Way Calling	$	0.3309
Part C-1	ISDN 6-Way Conference	$	0.7633
Part C-1	ISDN Call Pickup	$	0.0003
Part C-1	ISDN Selective Call Rejection	$	0.0631
Part C-1	ISDN Call Transfer Individual - All Calls (Ftr. 578)	$	0.0460
Part C-1	Calling Name and Number Delivery	$	0.6130
	Unbundled Switching- Per MOU		
Part C-8	Originating EO Local Switching per MOU	$	0.003961
Part C-8	Termination EO Local Switching per MOU	$	0.003477
	Unbundled Tandem Switching		
Part C-8	Tandem Switching MOU	$	0.000133
	Unbundled Common Trunk Ports		
Part C-8	Common Trunk Port - End Office (per mou)	$	0.000374
Part C-8	Common Trunk Port - Tandem (per mou)	$	0.000734
Part C-8	Common Trunk Port - TOPS (per mou)	$	0.000337
	Unbundled Common Transport		
Part C-9	Fixed - Common	$	0.000115
Part C-9	Per Mile	$	0.000002
	Unbundled Reciprocal Compensation		
Part C-10	Meet Point A End Office (per mou)	$	0.002322
Part C-10	Meet Point B End Office (per mou)	$	0.003969
	Unbundled Dedicated Transport		
	Entrance Facilities		
Part D-1	DS-1 Entrance Facility	$	135.96
Part D-1	DS-3 Entrance Facility	$	493.80
Part D-1	STS-1 Entrance Facility - Per Facility	$	496.37
Part D-1	OC-3 Entrance Facility - Per Facility	$	1,119.00
Part D-1	OC-12 Entrance Facility - Per Facility	$	3,613.58
	IOF		
Part D-2	DS-1 Fixed includes both ends	$	54.76
Part D-2	DS-1 per Mile	$	3.86
Part D-2	DS-3 Fixed includes both ends	$	499.44
Part D-2	DS-3 per Mile	$	57.72
Part D-2	STS-1 - Fixed includes both ends	$	503.00
Part D-2	STS-1 - per mile	$	57.92
Part D-2	OC-3 - Fixed includes both ends	$	1,441.40
Part D-2	OC-3 - per mile	$	173.90
Part D-2	OC-12 - Fixed includes both ends	$	4,113.45
Part D-2	OC-12 - per mile	$	374.14

	Unbundled SS7			
Part E-1	STP Port - Monthly per Port	$	343.41	
Part D-2	SS7 Link per Mile	$	0.16	See Part D-1 IOF rates study. The rates is the same as the IOF Voice Grade Per Mile rates.
	Unbundled Signaling Databases			
	800 Database			
Part E-2	Basic Per Query	$	0.000221	
Part E-2	Vertical Query	$	0.000221	
	LIDB			
Part E-3	Calling Card per query	$	0.018594	
Part E-3	Billed Number Screening per query	$	0.018594	
	Unbundled Dark Fiber - IOF			
	Verizon C.O. to Verizon C.O.			
Part F-1	Serving Wire Center ("SWC") Charge / SWC / Pair	$	16.23	
Part F-1	Inter Office Per Mile	$	148.63	
	Verizon C.O. to CLEC C.O.			
Part F-1	Serving Wire Center ("SWC") Charge / SWC / Pair	$	16.23	
Part F-1	Channel Termination Charge/CLEC CO	$	174.66	
	Unbundled Dark Fiber - Loop			
art F-1	Serving Wire Center Charge / SWC / Pair	$	16.23	
Part F-1	Loop Charge/Pair per Rate Group			
Part F-1	Loop Charge/Pair per Density Cell 1	$	193.15	
Part F-1	Loop Charge/Pair per Density Cell 2	$	288.40	
Part F-1	Loop Charge/Pair per Density Cell 3	$	364.55	
Part F-2	**Customized Routing per line per month**	$	0.001400	
	Daily Usage File (DUF)			
Part F-3	Per Record Recording	$	0.001500	
Part F-3	Per Record Transmitted	$	0.000379	
Part F-3	Per Media (Tape or Cartridge)	$	20.31	
	SMS (AIN Service Creation)			
	Service Creation Usage			
Part F-4	Remote Access per 24 Hr. day	$	3,278.31	
Part F-4	On Premise per 24 Hr. day	$	3,278.31	
Part F-4	Certification and Testing per Hour	$	64.84	
Part F-4	Help Desk Support per Hour	$	69.36	
Part F-4	**Service Charges**			
Part F-4	Subscription Charges	$	4.02	
Part F-4	**Database Queries**			
Part F-4	Network Query	$	0.00045	
Part F-4	CLEC Network Query	$	0.00045	
Part F-4	CLEC Switch Query	$	0.00045	
Part F-4	**Utilization Element**	$	0.00009	
art F-4	**Service Modification**			
art F-4	DTMF Update Per Change	$	0.02207	

Part F-4	Switched Based Announcement	$	0.00258	
Part F-4	**Developmental Charges**			
Part F-4	Service Creation Access Ports per month, per Logon ID	$	1,502.82	
	Operations Support Systems (per UNE Loop/Platform/Combination or resold line)			
Part F-5	Ongoing and Recovery of one time (during 10 yr.Period)	$	0.84	
Part F-5	Ongoing only (after 10 yr. Period)	$	0.47	
Part F-6	**Resale Discount Study**		NA	
Part G	**Factor Support**		NA	